

**SPECIFIC ANTAGONISTS FOR GLUCOSE-DEPENDENT
INSULINOTROPIC POLYPEPTIDE (GIP)**

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Abstract

In one embodiment, this invention provides an antagonist of glucose-dependent
insulinotropic polypeptide (GIP) consisting essentially of a 24 amino acid polypeptide
10 corresponding to positions 7-30 of the sequence of GIP. In another embodiment, this invention
provides a method of treating non-insulin dependent diabetes mellitus in a patient comprising
administering to the patient an antagonist of glucose-dependent insulinotropic polypeptide (GIP).
In yet another embodiment, this invention provides a method of improving glucose tolerance in
a mammal comprising administering to the mammal an antagonist of glucose-dependent
15 insulinotropic polypeptide (GIP).